



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 14, 2016

Ms. Melinda Bowman  
State Regulatory and Label Lead  
Registration Manager – Bifenazate  
Arysta Life Science  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

Subject: Label Amendment – Agency-initiated to Clarify Per Year Rates  
Product Name: Acramite®-75WG  
EPA Registration Number: 400-519  
Application Date: July 1, 2016  
Decision Number: 519463

Dear Ms. Bowman:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Dr. William W. Jacobs by phone at 703-305-6406, or via email at [jacobs.bill@epa.gov](mailto:jacobs.bill@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "William W. Jacobs for". The signature is written in dark ink and is positioned above the typed name and title.

Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

GROUP	20D	ACARICIDE
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# Acramite®-75WG

Net  
Contents:

## Miticide For Agricultural Use Only

Active Ingredient: (% by weight)  
 bifentazate: hydrazine carboxylic acid, 2-(4-methoxy-  
 [1,1'-biphenyl]-3-yl) 1-methylethyl ester..... 75%  
 Other Ingredients: ..... 25%  
 Total..... 100%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

- |   |   |
|---|---|
| <p><b>IF SWALLOWED:</b></p> <p><b>IF IN EYES:</b></p> | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul> |
|---|---|

**EMERGENCY ASSISTANCE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment:

**24 HOUR EMERGENCY PHONE 1-866-928-0789**

For PRODUCT USE INFORMATION: Call 866-761-9397

Precautionary Statements and Directions for Use are in the attached booklet. If booklet is missing, contact the company or an authorized dealer.

EPA REG. NO. 400-519  
 EPA EST. NO.  
 007/xxxxxx

Manufactured for:  
 MacDermid Agricultural  
 Solutions, Inc.  
 245 Freight Street  
 Waterbury, CT 06702

**ACCEPTED**

Dec 14, 2016

Under the Federal Insecticide, Fungicide  
 and Rodenticide Act as amended, for the  
 pesticide registered under  
 EPA Reg. No. 400-519

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and Other Handlers Must Wear:**

- Protective eyewear,
- Long-sleeved shirt and long pants, and
- Shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds, estuarine/marine invertebrates and fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are foraging the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 12 hours**. The REI and exceptions are listed under the **DOSAGE INSTRUCTIONS** associated with each crop. Notify workers of the exception (including when entry is permitted for each of the tasks named in the exception). PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; shoes plus socks; chemical-resistant gloves made of any waterproof material.

**USE INFORMATION**

ACRAMITE-75WG is a water-dispersible granule. ACRAMITE-75WG is a selective miticide for the control of a variety of mite pests on the crops listed on this label. When used as directed and applied to the foliage, it provides knockdown through contact activity, and long residual control. Due to its unique chemistry, mode of action and selective nature, ACRAMITE-75WG is relatively inactive against beneficial/predaceous mites and insects and therefore is compatible with IPM and resistance management programs.

**ACRAMITE-75WG is not systemic in action; therefore, complete coverage of both upper and lower leaf surfaces and of fruit is necessary for effective control.**

**MIXING INSTRUCTIONS**

Fill spray tank with  $\frac{1}{2}$  the desired amount of water. Then add the required amount of ACRAMITE-75WG with agitation running to fully disperse the product. Then fill the tank with the

remaining amount of required water.

When tank-mixing, thoroughly mix the ACRAMITE-75WG before adding other products in the following order: water soluble bags, wettable powders, dry flowables, liquid flowables, liquids and emulsifiable concentrates. Always allow each tank-mix partner to disperse fully before adding the next product.

ACRAMITE-75WG has been shown to degrade rapidly when mixed and stored with alkaline water of high temperature (122°F). Water hardness should be reduced with any ammonium sulfate containing water treatment before adding any adjuvant or ACRAMITE-75WG. Then adjust the pH to acidic range if needed.

**Restrictions:** Tank mixtures are only permitted in States where all of the pesticide products used as tank-mix partners are registered. It is the pesticide user's responsibility to ensure that all pesticide products used in the tank mix are registered for the intended use. When tank-mixing, follow the most restrictive of all of the labeled use directions, use restrictions, and use limitations for the tank-mix partners.

**Compatibility:** To obtain broad-spectrum insect control, ACRAMITE-75WG can be tank-mixed with other insecticide products. However, due to variations in water quality, e.g., hardness and pH, it is required that users conduct small-scale trials under local conditions to ensure compatibility prior to any large-scale use.

**USE RATES AND DIRECTIONS**

**For ground application,** refer to the **DOSAGE INSTRUCTIONS** tables for the minimum numbers of gallons of spray solution to apply per acre using the following types of equipment: compressed air, hydraulic ground boom or air-blast sprayers. **For aerial applications on cotton,** apply a minimum of 5 gallons of spray mix per acre (or the minimum number of gallons/acre allowed by your State, which may not be less than the 5 gallons/acre shown on this label) using either a fixed-wing aircraft or a helicopter. Use a nozzle configuration that will provide a median droplet size of 200-300 microns. Higher spray volume will provide better coverage. Observe the minimum safe application height - not greater than 12 feet above the crop canopy. Boom length must be less than 75% of the wingspan; and swath markers, flagging, or a GPS system should be used during application. Applications should be made when wind speed is between 2 and 10 mph. Do not make applications when wind speed exceeds 10 mph. Under low humidity and high temperatures, spray volume should be adjusted upward to compensate for evaporation of spray droplets. Do not apply this product when there is a temperature inversion.

To provide maximum residual control, application should be made as soon as mites appear. Use the lowest specified rate where mite infestations are light. The highest specified rate may be

required for heavy infestations or for extended residual control.

When used as directed, ACRAMITE-75WG is effective for the control of a variety of mite species, especially spider mites, red mites and grass mites. NOTE: It is not effective against rust mites, broad mites and flat mites. ACRAMITE-75WG is primarily active on the motile stage of mites, but also has ovicidal activity against spider mites ((Tetranychus species).

**Restrictions:** Do not plant another crop within 30 days after last ACRAMITE application due to chances of bifenazate residues showing up in rotational crops.

## MITES CONTROLLED

Banks grass  
Brown almond  
Clover  
European red (use maximum rate specified for crop or crop group)  
McDaniel

Pacific spider  
Pecan leaf scorch  
Strawberry spider  
Two-spotted spider  
Willamette

## BEARING CROPS DOSAGE INSTRUCTIONS

CROP*	AMOUNT ACRAMITE- 75WG PER ACRE <sup>(A)</sup>	MINIMUM GALLONS PER ACRE		TOTAL NUMBER OF SPRAYS PER YEAR	HARVEST DAYS AFTER APPLICATION (PHI DAYS)	RESTRICTED ENTRY INTERVAL (REI)
		GROUND	AIR			
COTTON	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	20	5**	1	60	12 hours
CUCURBIT VEGETABLES (See footnote B for crops in addition to those listed below) CUCUMBERS EDIBLE GOURDS <sup>(C)</sup> MUSKMELON <sup>(D)</sup> PUMPKIN SQUASH (summer <sup>(E)</sup> & winter <sup>(F)</sup> ) WATERMELON	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	3	12 hours
FRUITING VEGETABLES (See footnote G for crops in addition to those listed below) EGGPLANT PEPPERS (all varieties of Capsicum spp.) <sup>(H)</sup> TOMATOES (field grown) <sup>(I)</sup>	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	3	12 hours
GRAPES <sup>(J)</sup>	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	14	12 hours except 5 days for cane turning, tying and girdling of table grapes.
HOPS	0.5 - 1.0 lb ( <del>1</del> / <sub>2</sub> - 1 lb)	50		1	14	12 hours
MINT	0.5 - 1.0 lb ( <del>1</del> / <sub>2</sub> - 1 lb)	50		1	7	12 hours
OKRA	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	3	12 hours
POME FRUITS: (See footnote K for crops in addition to those listed below) APPLES CRABAPPLES PEARS QUINCE	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	7	12 hours
STRAWBERRIES <sup>(L)</sup>	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	100		2, up to 2 crops per year	1	12 hours
STONE FRUIT: (See footnote M for crops in addition to those listed below) APRICOTS CHERRIES (sweet & tart) NECTARINES PEACHES PLUMS/PRUNES	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	3	12 hours
TREE NUTS (See footnote N for crops in addition to those listed below) ALMOND	0.5 - 0.67 lb ( <del>1</del> / <sub>2</sub> - <del>2</del> / <sub>3</sub> lb)	50		1	7	12 hours

\*Use the highest specified rate under heavy mite pressure.

\*\*Use a minimum of 5 gallons per acre or the minimum permitted by your State, if greater than 5 gallons.



- (A) ACRAMITE-75WG is in a 1 lb. resealable pouch.
- (B) CUCURBIT VEGETABLES: Other crops which may be treated with ACRAMITE-75WG with the same use instructions are: chayote (fruit) (*Sechium edule*), Chinese waxgourd (Chinese preserving melon) (*Benincasa hispida*), citrus melon (*Citrullus lanatus* var. *citroides*), gherkin (*Cucumis anguria*), and *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber).
- (C) EDIBLE GOURD (*Lagenaria* spp.) (includes *hyotan* and *cucuzza*). Also (*Luffa acutangula* and *L. cylindrical*) which includes *hechima* and Chinese okra.
- (D) MUSKMELON (hybrids and/or cultivars of *Cucumis melo*) includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon.
- (E) SQUASH, SUMMER (*Cucurbita pepo* var. *melo*pepo) includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini.
- (F) SQUASH, WINTER (*Cucurbita maxima*; *C. moschata*) includes butternut squash, calabaza, hubbard squash; (*C. mixta*; *C. pepo*) includes acorn squash, spaghetti squash.
- (G) FRUITING VEGETABLES: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: groundcherry (*Physalis* spp.), pepino (*Solanum muricatum*), and tomatillo (*Physalis ixocarpa*, *P. philadelphica*)
- (H) PEPPER (*Capsicum* spp.) includes bell peppers, chili peppers, cooking peppers, pimento, and sweet peppers.
- (I) TOMATOES: Use only on plants that will produce tomatoes greater than 1 inch in diameter when mature.
- (J) GRAPES — Exception: In addition to the early entry exceptions allowed by WPS, you may enter or allow workers to enter treated areas to perform all tasks other than tying, turning and girdling after 12 hours following applications, as long as at least long pants, long-sleeved shirts, shoes and socks are worn. Notify workers of the exception (including when entry is permitted for each of the tasks named in the exception).
- (K) POME FRUIT: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: loquat (*Eriobotrya japonica*), mayhaw (*Crataegus aestivalis*, *C. opaca*, and *C. rufula*), and oriental pear (*Pyrus pyrifolia*).
- (L) STRAWBERRIES: Minimum period between applications is 21 days.
- (M) STONE FRUIT: Other crops which may be treated with ACRAMITE-75WG with the same instructions are: Plum (*Prunus domestica*, *Prunus* spp.), Chickasaw Plum (*Prunus angustifolia*), Damson Plum (*Prunus domestica* spp.) (*Institia*), Japanese Plum (*Prunus salicina*) and Plumcot (*Prunus armeniaca* X *P. domestica*).
- (N) TREE NUTS: Other crops which may be treated with ACRAMITE-75WG with the same use instructions (14-day PHI) are: Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Hickory nut, and Macadamia nut (bush nut).

## NON-BEARING CROPS

### DOSAGE INSTRUCTIONS

ACRAMITE-75WG use on non-bearing crops, i.e. those crops which will not bear fruit within one year of application, **including all the crops listed in the bearing crops dosage instructions plus crops listed below.** These include fruit trees and berries in both commercial plantings and nurseries, including transplant uses but excluding residential areas. **The listed non-bearing crops all have a 12-hour restricted entry interval (REI).** Application is by ground equipment only. Additional non-bearing crops that may be so treated are:

CROP	MITES CONTROLLED	AMOUNT ACRAMITE-75WG PER ACRE	MINIMUM GALLONS SPRAY SOLUTION PER ACRE	TOTAL NUMBER OF SPRAYS PER YEAR
Berries (boysenberries, raspberries, etc.) Citrus (grapefruit, lemons, limes, oranges, tangerines, etc.) Currants Dates, Figs Persimmons	European red* Two-spotted spider Pacific spider McDaniel Strawberry spider Citrus red Southern red	0.5 - 0.67 lb ( $\frac{1}{2}$ - $\frac{2}{3}$ lb)	50	1

\*Use maximum rate specified for crop or crop group.

## STRATEGIES FOR RESISTANCE MANAGEMENT

When used as directed, ACRAMITE-75WG combines high activity on mites with safety to beneficial/predaceous mites and insects. In addition, the unique chemistry of ACRAMITE-75WG provides a means of controlling mites which have developed resistance to commonly used products. These properties can result in fewer miticide/insecticide applications as well as general reduction in the problems caused by resistance.

The following mite control strategies are recommended:

- Incorporate IPM techniques into your insect control program.
- Ensure thorough spray coverage to all foliage.
- Scout regularly and apply ACRAMITE-75WG as soon as infestations are observed. Do not wait until large populations have established.
- Always apply ACRAMITE-75WG at the specified label rates and according to label specifications.
- Because of its selectivity, ACRAMITE-75WG can be used in conjunction with most biological control organisms available for mite control. ACRAMITE-75WG, when used as directed, does not adversely affect populations of beneficial/predaceous mites and insects including:

Common Name	Scientific Name
Predatory mite	<i>Amblyseius fallacis</i>
Predatory mite	<i>Phytoseiulus persimilis</i>
Western predatory mite	<i>Typhlodromus occidentalis</i>
Predatory mite	<i>Typhlodromus pyri</i>
Predatory mite	<i>Zetzellia mali</i>
Seven-spotted lady beetle	<i>Coccinella septempunctata</i>
Spider mite destroyer	<i>Stethorus punctum</i>
Common lacewing	<i>Chrysopa carnea</i>
Insidious flower bug	<i>Orius insidiosus</i>
Six-spotted thrips	<i>Scolothrips sexmaculatus</i>
Western flower thrips	<i>Frankliniella occidentalis</i>

The use of these organisms in conjunction with ACRAMITE-75WG is encouraged as a means of reducing the number of chemical applications.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a secure place that is temperate and dry.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.** Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT NOTICE**—Sellers warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and to the extent consistent with applicable law, the buyer assumes the risk of any such use.

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